

WEST BASIN MUNICIPAL WATER DISTRICT

AUGUST 7, 2002 – Water Resources
McDonald, Little

AUGUST 26, 2002 – Board Meeting

Prepared by: Lucia M. McGovern

Submitted by: Richard A. Nagel

Approved by: Darryl G. Miller

ACTION CALENDAR

DRAFT NEGATIVE MITIGATED DECLARATION
FOR WEST BASIN WATER RECYCLING PLANT PHASE IV EXPANSION

SUMMARY:

The proposed project involves the expansion of potential key treatment facilities and application of new processes and technologies within the existing West Basin Water Recycling Program. The improvements are designed to address four separate, but related, capacity and treatment process upgrades. These include the following:

- Capacity increase to inject 17.5 mgd of recycled water to the West Coast Basin Seawater Barrier (Barrier);
- Upgrade existing barrier process;
- Meeting customer demands through Title 22 facility expansion; and
- Solids handling modifications.

The proposed expansion would involve the following possible improvements/additions: demolition of the lime clarification system; addition/expansion of reverse osmosis (RO) units; addition of 15 mgd of microfiltration (MF) units; conversion of current barrier filters to Title 22 filters; addition of ultraviolet (UV) treatment system; construction of a new 5 mgd underground storage tank to provide additional Title 22 water storage capacity; expansion of Title 22 chlorine contact basins; modification of chemical storage and feed facility; conversion of an intermediate storage basin to an underground microfiltration clearwell; addition of a backwash water treatment system in the vicinity of the sludge dewatering building and modifications to the equipment inside the sludge dewatering building; addition of a new pump station; addition of expanded wet well volume and space for pumps to increase barrier pumping capacity; potential addition of more decarbonators; installation of a new 66-kilovolt (kV) electrical substation(s) for UV and expanded facilities; and installation of a host and/or on-site 12-megawatt (MW) generation system.

A copy of the Draft Negative Declaration is included as Exhibit A.

PUBLIC HEARING: The public hearing was noticed in a local newspaper and separate notices along with the Mitigated Negative Declaration were sent to all interested parties and local affected governmental agencies. The public comment period was from June 13, 2002 through July 19, 2002. Only one public comment letter was received from the

California Department of Transportation, and it provided information related to their encroachment permitting process. A copy of the letter is attached in Exhibit B.

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FISCAL IMPACTS:

Not applicable.

ENVIRONMENTAL COMPLIANCE:

The Mitigated Negative Declaration meets the requirements of the California Environmental Quality Act.

COMMITTEE STATUS:

This item was reviewed by the Water Resources Committee on August 7, 2002 and was recommended for approval at the August 26, 2002 Board meeting.

RECOMMENDED MOTION:

That the Board consider the following CEQA related actions:

1. Approve the Draft Mitigated Negative Declaration for the West Basin Water Recycling Plant Phase IV Expansion; and
2. Approve the Mitigation Monitoring Plan.

LIST OF EXHIBITS:

Exhibit "A" – Mitigation Monitoring and Reporting Program
Exhibit "B" - Draft Negative Declaration & Mitigation Monitoring Plan
Exhibit "C" - CalTrans Comment Letter

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